

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1582	(228/110.1,111,111.5,1.1).CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/17 16:43
L2	2913	((156/73.1,73.5,73.6,580,1,580.2) or (493/87)).CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/17 16:48
L3	4150	1 or 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/17 16:48
L4	0	3 and (spout or pour) and (ultrasonic near 1 (weld\$3 or bond\$3)) and (recess) and anvil and flange and ring with (dimension or size or diameter) with (less or smaller) than (recess). clm.	USPAT	ADJ	ON	2009/03/17 16:50
S1	239	(pour or spout) same ultrasonic (weld\$3 or bond \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/08 17:17
S2	14	("3673663"   "3862486"   "3948711"   "4695337"   "4736572"   "4981463"   "5348525"   "5484375"   "5855544"   "6178724"   "6668517").PN. OR ("6810636"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:23
S3	4	("5484374"   "5601669"   "5653832").PN. OR ("RE37025").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:24
S4	8	("4669640"   "4986465"   "5065938"   "5101999"   "5110041"   "5735426"   "5957312"   "5992129").PN. OR ("6125610"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:24
S5	15	("4865793"   "4899902"   "4946062"   "5094388"   "5147066"   "5437400"   "5527173"   "5669526"   "5785201"   "5893489"   "5899364"   "5913460"   "5950876"   "5967376"   "5992710").PN. OR ("6108888").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:25
S6	14	("4601425"   "4964562"   "5110040"   "5244520"   "5435803"   "5484374"   "5601669").PN. OR ("6085489").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:25
S7	201	("108557"   "1538612"   "1989039"   "2360435"   "2400716"   "2842913"   "2887933"   "2916182"   "2972184"   "3047942"   "3144816"   "3169690"   "3307714"   "3400966"   "3412919"   "3570647"   "3673663"   "3862486"   "3888065"   "3947307"   "3948711"   "3956046"   "4054240"   "4055032"   "4165023"   "4246062"   "4266993"   "4274456"   "4297929"   "4345412"   "4378069"   "4386923"   "4411720"   "4483464"   "4507168"   "4526562"   "4566250"   "4584819"   "4592690"   "4601425"   "4604850"   "4605136"   "4615655"   "4637199"   "4660353")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:30

		"4661091"   "4669640"   "4676709"   "4695337"   "4711380"   "4712665"   "4734142"   "4736572"   "4788811"   "4795061"   "4795065"   "4801371"   "4813578"   "4830273"   "4848974"   "4865793"   "4866907"   "4899902"   "4909434"   "4946062"   "4948015"   "4964562"   "4981463"   "4986465"   "5006197"   "5058360"   "5065938"   "5094388"   "5101999"   "5108029"   "5110040"   "5110041"   "5147066"   "5169374"   "5219320"   "5244520"   "5267934"   "5272855"   "5304265"   "5348525"   "5366433"   "5429699"   "5435803"   "5437400"   "5473857"   "5480502"   "5484374"   "5484375"   "5527173"   "5601669"   "5653832"   "5669526"   "5735426"   "5785201"   "5855544"   "5893489"   "5899364"   "5913460"   "5950876"   "5957312"   "5967376"   "5992129"   "5992710"   "6178724"   "6668517").PN. OR ("2006/0073958"   "5110040"   "5152438"   "5429699"   "5435803"   "5624528"   "5759319"   "5819504"   "6085489"   "6108888"   "6125610"   "6810636"   "RE37025").URPN.				
S8	42	S7 and (horn or transducer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:30
S9	27	S8 and anvil	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:30
S10	0	WO-2002072426-\$.did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:31
S11	0	WO-200272426-\$.did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 17:31
S12	2	"20060175376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/08 18:06
S13	53	("2400716"   "3047942"   "3169690"   "3947307"   "3956046"   "4165023"   "4266993"   "4378069"   "4411720"   "4483464"   "4605136"   "4637199"   "4711380"   "4795061"   "4801371"   "4813578"   "4830273"   "4909434"   "4948015"   "4964562"   "5058360").PN. OR ("5110040"   "5152438").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/08 18:07
S14	1	pour spot with ring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 11:12
S15	98	(adler).inv. and (ultrasonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 11:13

S16	238	("1085557"   "1538612"   "1989039"   "2360435"   "2400716"   "2842913"   "2887933"   "2916182"   "2972184"   "3047942"   "3144816"   "3169690"   "3292828"   "3307714"   "3339788"   "3400866"   "3412919"   "3570647"   "3671356"   "3673663"   "3812572"   "3862486"   "3883034"   "3888065"   "3947307"   "3948711"   "3956046"   "3990615"   "4029033"   "4054240"   "4055032"   "4165023"   "4246062"   "4256526"   "4266993"   "4274456"   "4297929"   "4345412"   "4363420"   "4373978"   "4378069"   "4386923"   "4411720"   "4464154"   "4483464"   "4507168"   "4512136"   "4526562"   "4566250"   "4584819"   "4592690"   "4601425"   "4604850"   "4605136"   "4615655"   "4637199"   "4660353"   "4661091"   "4669627"   "4669640"   "4676709"   "4695337"   "4705197"   "4711380"   "4712665"   "4734142"   "4736572"   "4770325"   "4782996"   "4788811"   "4795061"   "4795065"   "4801371"   "4813578"   "4830273"   "4846915"   "4848974"   "4865793"   "4866907"   "4899902"   "4909434"   "4946062"   "4948015"   "4964562"   "4981463"   "4986465"   "4990200"   "5006197"   "5058360"   "5065938"   "5094388"   "5101999"   "5108029"   "5110040"   "5110041"   "5147066"   "5169374"   "5219320"   "5244520"   "5267934"   "5272855"   "5304265"   "5348525"   "5366433"   "5429699"   "5435803"   "5437400"   "5473857"   "5480502"   "5484374"   "5484375"   "5527173"   "5601669"   "5653832"   "5669526"   "5735426"   "5785201"   "5855544"   "5893489"   "5899364"   "5913460"   "5950876"   "5957312"   "5967376"   "5992129").PN. OR ("5992710"   "6178724"   "6668517").PN. OR ("2006/0073958"   "5110040"   "5110041"   "5152438"   "5429699"   "5435803"   "5624528"   "5759319"   "5819504"   "6085489"   "6108888"   "6125610"   "6810636"   "RE37025").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/09 12:38
S17	205	pour near2 spout with flange	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/09 13:11
S18	4	pour near2 spout with flange same head same ring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/09 13:32
S19	11	pour near2 spout with flange same head	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/09 13:33
S20	35	pour near2 spout same flange same head	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/09 13:36
S21	435	pour near2 spout same flange	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/09 13:52
S22	140	pour near2 spout same (weld\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/09 13:52

S23	0	pour spot same head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:17
S24	129	pour spout same head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:17
S25	4466	spout same (ring and flange)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:24
S26	77	S25 and ultrasonic (weld\$3 or bond\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:25
S27	628	53/410.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:35
S28	278	493/87.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:35
S29	13491	spout same flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:47
S30	0	spout with\ flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:47
S31	5687	spout with flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:47
S32	1070	spout same flange same pour	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:48

S33	230	S32 and weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 15:48
S34	214	spout same ultrasonic (weld\$3 or bond\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 16:01
S35	80	spout same fitment and ultrasonic (weld\$3 or bond\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 16:12
S36	30	("0998309"   "1100448"   "2345646"   "2377533"   "2432462"   "2634815"   "2980304"   "4891929"   "5001891"   "5033667"   "5248054"   "5704541").PN. OR ("6016953").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/09 16:15
S37	8	("5484374"   "5601669"   "5653832").PN. OR ("5759319").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/09 16:18
S38	6483	spout same (weld\$3 or bond\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 17:52
S39	1081	S38 same (arm or anvil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/09 17:52
S40	88	ultrasonic (weld\$3 or bond\$3) and pour with spout	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/10 08:29
S41	325	("1085557"   "1538612"   "1989039"   "2360435"   "2400716"   "2724884"   "2842913"   "2887933"   "2916182"   "2972184"   "3047942"   "3135441"   "3144816"   "3160327"   "3169690"   "3269617"   "3278083"   "3282477"   "3292828"   "3307714"   "3339788"   "3400866"   "3412919"   "3434620"   "3570647"   "3671356"   "3673663"   "3768698"   "3812572"   "3862486"   "3883034"   "3888065"   "3947307"   "3948711"   "3956046"   "3990615"   "4029033"   "4054240"   "4055032"   "4063990"   "4165023"   "4246062"   "4256526"   "4266993"   "4274456"   "4297929"   "4345412"   "4363420"   "4373978"   "4378069"   "4386923"   "4386926"   "4399924"   "4411720"   "4464154"   "4469249"   "4483464"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/10 08:44

		"4507168"   "4512136"   "4526562"   "4534818"   "4566250"   "4566928"   "4584819"   "4592690"   "4600127"   "4601425"   "4604850"   "4605136"   "4615655"   "4637199"   "4660353"   "4661091"   "4669627"   "4669640"   "4676709"   "4682702"   "4695337"   "4705197"   "4711380"   "4712665"   "4712714"   "4723689"   "4734142"   "4736572"   "4770325"   "4782996"   "4788811"   "4795061"   "4795065"   "4801037"   "4801371"   "4810037"   "4813578"   "4830273"   "4846915"   "4848974"   "4865793"   "4866907"   "4899902"   "4909434"   "4909871"   "4913307"   "4946062"   "4948015"   "4964562"   "4981463"   "4986465"   "4990200"   "5006197"   "5021117"   "5027979"   "5058360"   "5065938"   "5094388"   "5101999"   "5108029"   "5110040"   "5110041"   "5133486"   "5141133"   "5147066"   "5147070"   "5169374"   "5174465"   .PN. OR ("5176300"   "5203819"   "5219320"   "5244520"   "5249695"   "5267934"   "5272855"   "5297696"   "5304265"   "5348525"   "5366114"   "5366433"   "5405053"   "5429699"   "5435803"   "5437400"   "5473857"   "5480502"   "5482176"   "5484374"   "5484375"   "5498225"   "5527173"   "5601669"   "5653832"   "5669526"   "5735426"   "5759143"   "5759319"   "5770009"   "5785201"   "5810184"   "5819504"   "5855544"   "5893489"   "5899364"   "5913460"   "5950876"   "5957312"   "5964687"   "5967376"   "5983599"   "5992129"   "5992710"   "6066081"   "6079185"   "6085489"   "6086523"   "6178724"   "6668517"   .PN. OR ("2006/0073958"   "5110040"   "5110041"   "5125886"   "5133486"   "5152438"   "5244520"   "5429699"   "5435803"   "5601669"   "5624528"   "5653832"   "5759319"   "5819504"   "5960992"   "6085489"   "6108888"   "6125610"   "6231491"   "6321813"   "6463715"   "6810636"   "RE37025"   .URFN.				
S42	16	"5653832"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/10 09:49
S43	41	"5484374"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/10 09:49
S44	10	"6085489"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/10 09:49
S45	2137	((156/73.1,73.5,73.6).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/10 10:00
S46	109	S45 and (spout or lid or pour)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/10 10:00

S47	32	"5601669"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 08:06
S48	16	"5244520"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 08:06
S49	37	("2400716"   "3047942"   "3169690"   "3947307"   "4063990"   "4266993"   "4399924"   "4411720"   "4469249"   "4483464"   "4534818"   "4600127"   "4605136"   "4795061"   "4810037"   "4813578"   "4830273"   "4909434"   "4913307"   "5021117").PN. OR ("5244520"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 08:10
S50	0	156/73.1,580.1,580.2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 08:16
S51	2156	156/73.1,580.1,580.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 08:17
S52	296	S51 and (ultrasonic and flange)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 08:17
S53	825	ultrasonic (weld\$3 or bond\$3) same flange and (anvil or arm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 12:16
S54	149	ultrasonic (weld\$3 or bond\$3) same flange same (anvil or arm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 12:17
S55	27	(US-20060073958-\$).did. or (US-6810636-\$ or US-RE37025-\$ or US-6125610-\$ or US-6108888- \$ or US-6085489-\$ or US-5819504-\$ or US- 5759319-\$ or US-5624528-\$ or US-5435803-\$ or US-5429699-\$ or US-5152438-\$ or US- 5110040-\$ or US-5110041-\$ or US-6231491-\$ or US-5960992-\$ or US-5244520-\$ or US- 5601669-\$ or US-6463715-\$ or US-5653832-\$ or US-6321813-\$ or US-5133486-\$ or US- 5125886-\$ or US-6802920-\$).did. or (WO- 2004058574-A-\$ or US-5653832-\$ or US- 5152438-\$ or DE-2542969-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/04/14 12:18

S56	20	S55 and (spac\$3 or distanc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 12:19
S57	10	S55 and (anvil or arm) same (spac\$3 or distanc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 12:22
S58	85	ultrasonic (weld\$3 or bond\$3) same (spout or pour) same flange	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 12:31

3/ 17/ 2009 4:50:17 PM

C:\Documents and Settings\ebarry\My Documents\EAST\Workspaces\10540894.wsp